AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (original): A DNA which comprises the whole or a part of the base sequence shown under SEQ ID NO:1.

2. (original): A DNA which comprises the base sequence shown under SEQ ID NO:2 or SEQ ID NO:3.

3. (original): A peptide which comprises the amino acid sequence shown under SEQ ID NO:4.

4. (original): A peptide which comprises the amino acid sequence shown under SEQ ID NO:5.

5. (original): A peptide which comprises the amino acid sequence shown under SEQ ID NO:6.

6. (currently amended): An antibody which is obtained by using one of the peptides according to claim 3~~any one of Claims 3 to 5~~ as an antigen.

7. (original): The antibody according to Claim 6 wherein the antibody is a polyclonal antibody.

8. (original): The antibody according to Claim 6 wherein the antibody is a monoclonal antibody.

9. (currently amended): A method for detecting nerve stem cells/progenitor cells which uses at least one species selected from the group consisting of the DNAs according to claim 1Claims 1 and 2, peptides according to Claims 3 to 5 and antibodies according to Claims 6 to 8.

10. (original): A method for screening for a drug functioning as a nerve differentiation factor or nerve differentiation inhibitor using the method according to claim 9.

11. (new): An antibody which is obtained by using one of the peptides according to claim 4 as an antigen.

12. (new): An antibody which is obtained by using one of the peptides according to claim 5 as an antigen.

13. (new): A method for detecting nerve stem cells/progenitor cells which uses the DNA according to claim 2.

14. (new): A method for detecting nerve stem cells/progenitor cells which uses the peptide according to claim 3.

15. (new): A method for detecting nerve stem cells/progenitor cells which uses the peptide according to claim 4.

16. (new): A method for detecting nerve stem cells/progenitor cells which uses the peptide according to claim 5.

17. (new): A method for detecting nerve stem cells/progenitor cells which uses the antibody according to claim 6.

18. (new): A method for detecting nerve stem cells/progenitor cells which uses the antibody according to claim 7.

19. (new): A method for detecting nerve stem cells/progenitor cells which uses the antibody according to claim 8.